

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062922AL\
 Data File : FE036282.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2022 10:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File: autoint1.e
 Quant Time: Jun 30 01:27:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.875	3595907	17.998 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
12) S 1-chlorooctadecane (S...	13.313	2794294	18.049 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.266	3268184	18.171 ug/ml
2) T n-Decane (C10)	4.520	3350728	18.640 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3719702	18.539 ug/ml
4) T n-Dodecane (C12)	6.688	3439576	18.570 ug/ml
5) T A~2-methylnaphthalene...	7.317	3758526	18.463 ug/ml
6) T n-Tetradecane (C14)	8.514	3449685	18.452 ug/ml
7) T n-Hexadecane (C16)	10.120	3434055	18.337 ug/ml
8) T n-Octadecane (C18)	11.562	3396454	18.256 ug/ml
10) T n-Eicosane (C20)	12.871	3299810	18.215 ug/ml
11) T n-Heneicosane (C21)	13.481	3244906	18.064 ug/ml
13) T n-Docosane (C22)	14.068	3255704	18.415 ug/ml
14) T n-Tetracosane (C24)	15.170	3294383	19.234 ug/ml
15) T n-Hexacosane (C26)	16.190	3312951	20.052 ug/ml
16) T n-Octacosane (C28)	17.140	3347860	20.914 ug/ml
17) T n-Tricontane (C30)	18.027	3395691	21.933 ug/ml
18) T n-Dotriacontane (C32)	18.861	3316626	22.695 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3017986	21.809 ug/ml
20) T n-Hexatriacontane (C36)	20.387	2783465	20.734 ug/ml
21) T n-Octatriacontane (C38)	21.114	2737335	20.583 ug/mlm
22) T n-Tetracontane (C40)	22.010	3110612	22.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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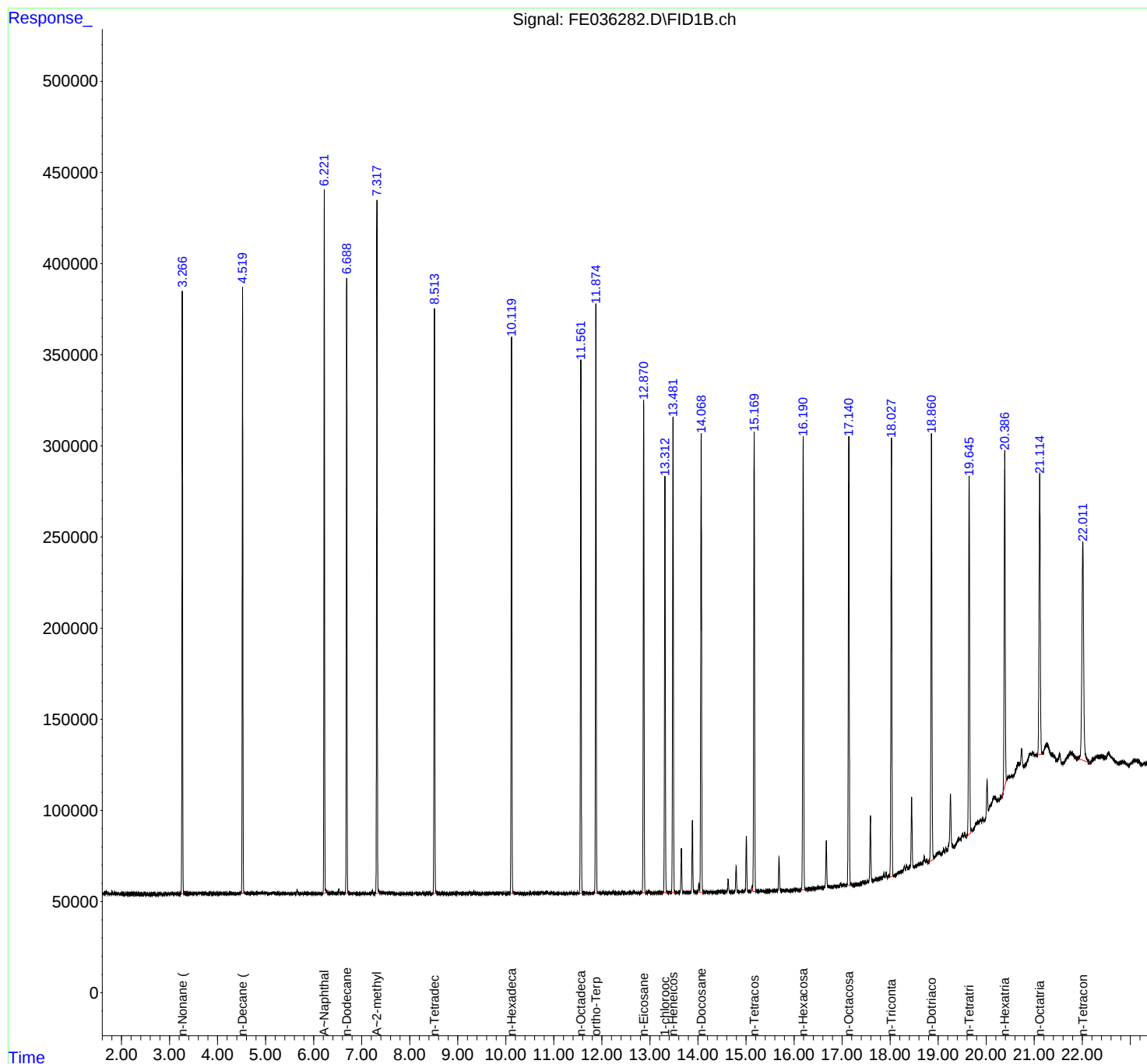
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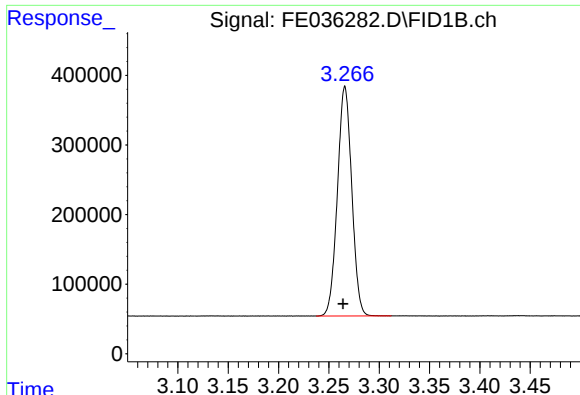
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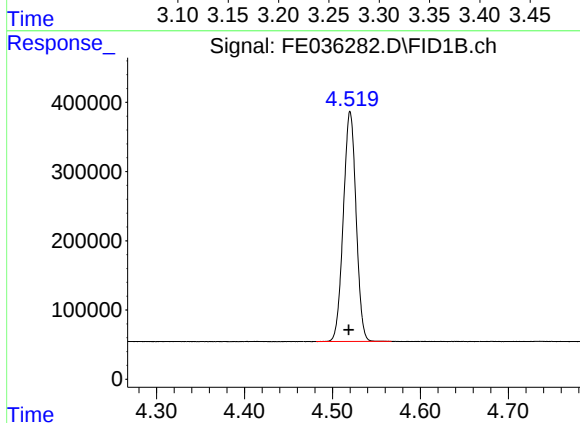
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 3268184
Conc: 18.17 ug/ml

Instrument :
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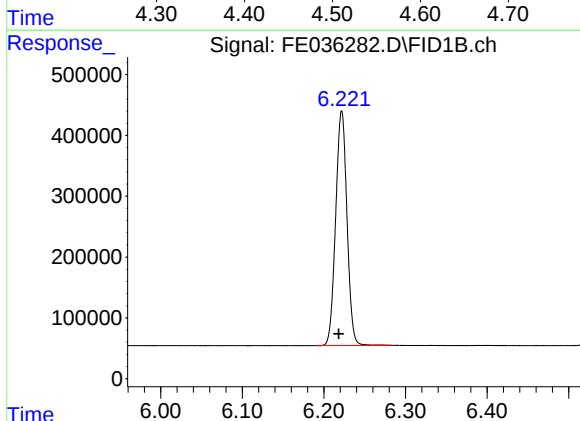
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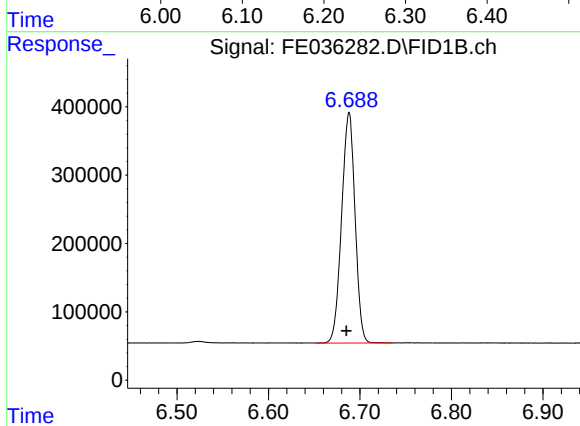
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.002 min
Response: 3350728
Conc: 18.64 ug/ml



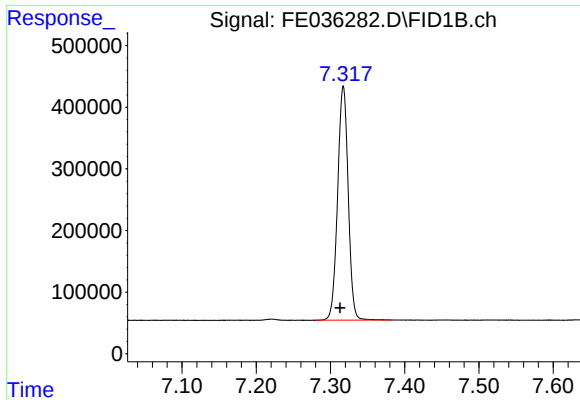
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 3719702
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.003 min
Response: 3439576
Conc: 18.57 ug/ml



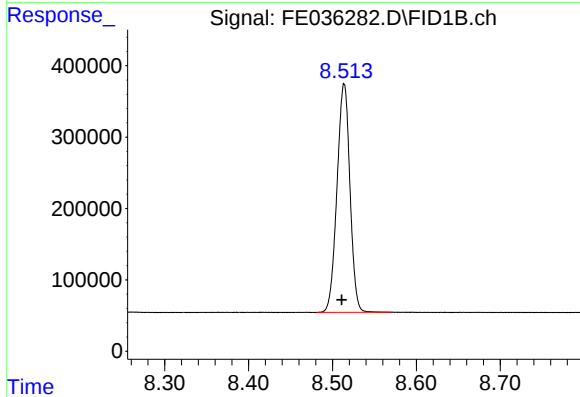
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.317 min
Delta R.T.: 0.004 min
Response: 3758526
Conc: 18.46 ug/ml

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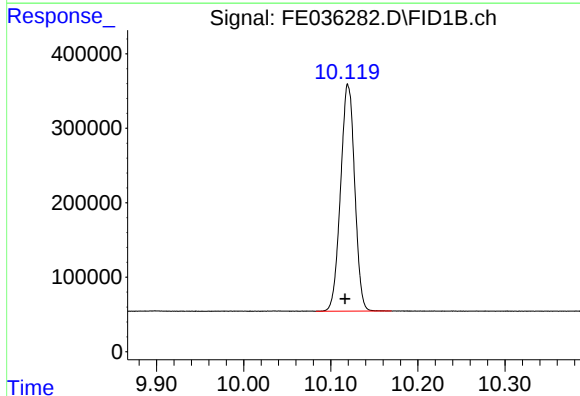
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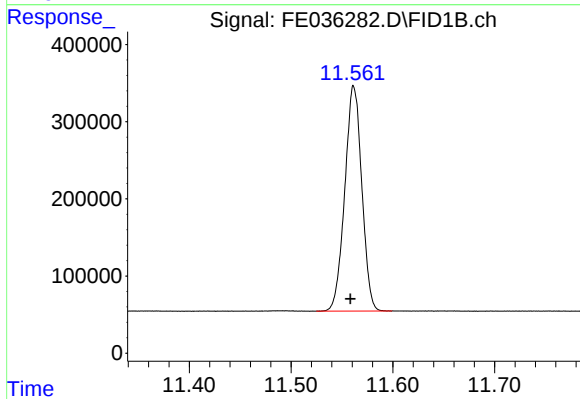
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.003 min
Response: 3449685
Conc: 18.45 ug/ml



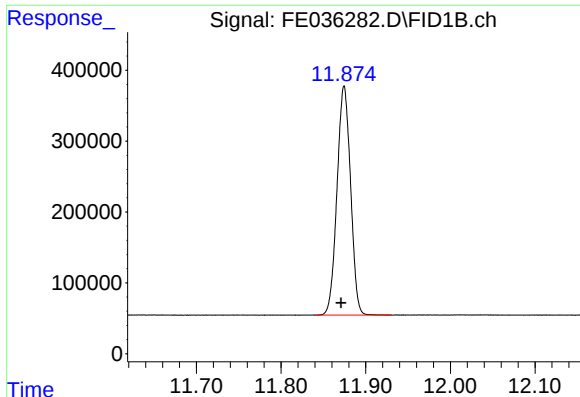
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.003 min
Response: 3434055
Conc: 18.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.003 min
Response: 3396454
Conc: 18.26 ug/ml



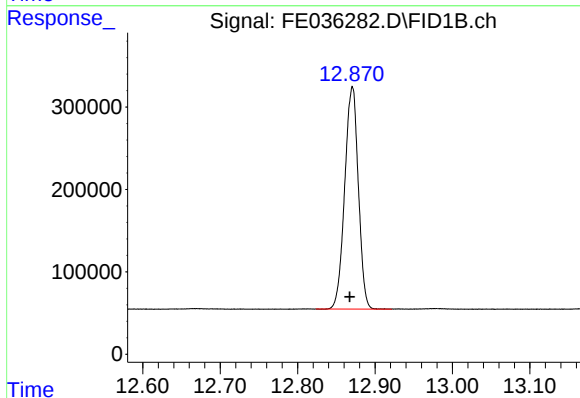
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: 0.003 min
Response: 3595907
Conc: 18.00 ug/ml

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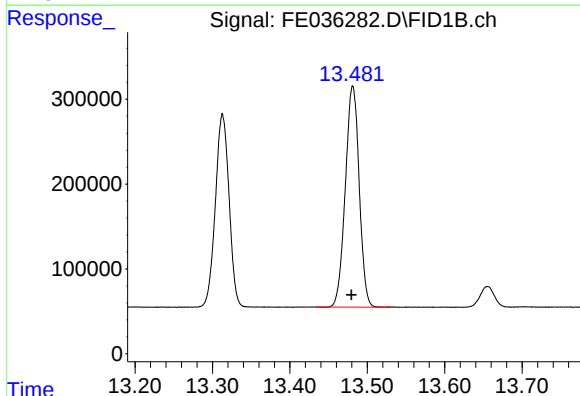
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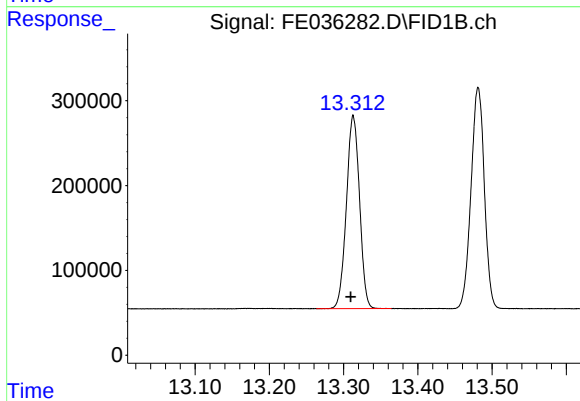
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.004 min
Response: 3299810
Conc: 18.21 ug/ml



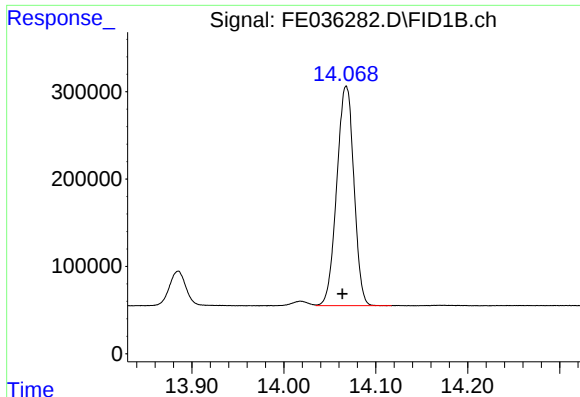
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.002 min
Response: 3244906
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.003 min
Response: 2794294
Conc: 18.05 ug/ml



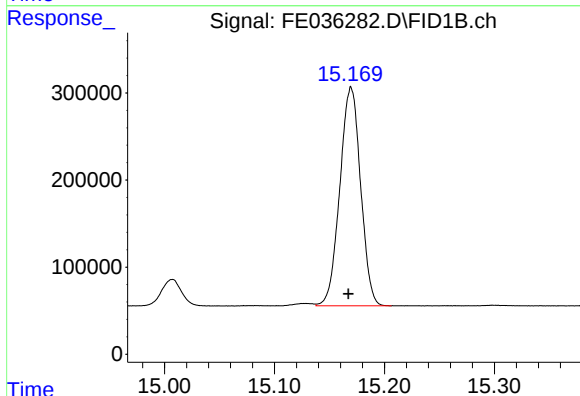
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: 0.004 min
Response: 3255704
Conc: 18.41 ug/ml

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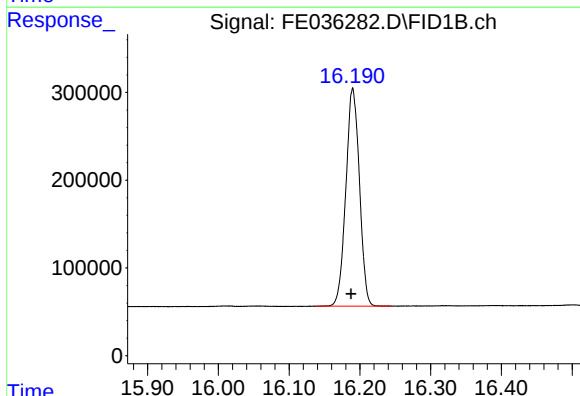
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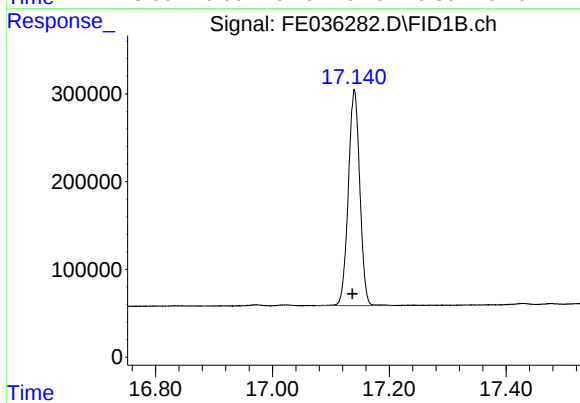
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.003 min
Response: 3294383
Conc: 19.23 ug/ml



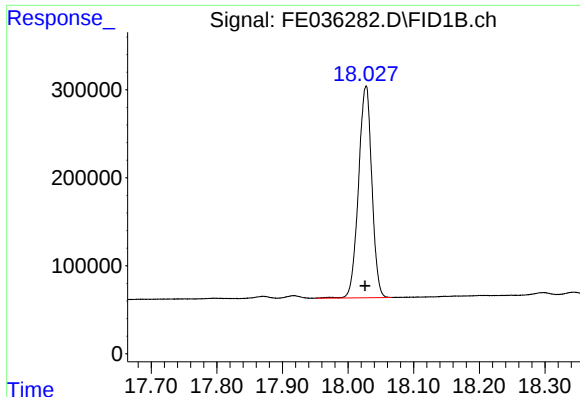
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.002 min
Response: 3312951
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.004 min
Response: 3347860
Conc: 20.91 ug/ml



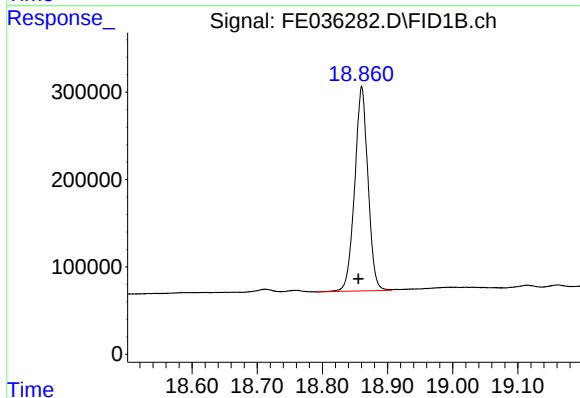
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.002 min
Response: 3395691
Conc: 21.93 ug/ml

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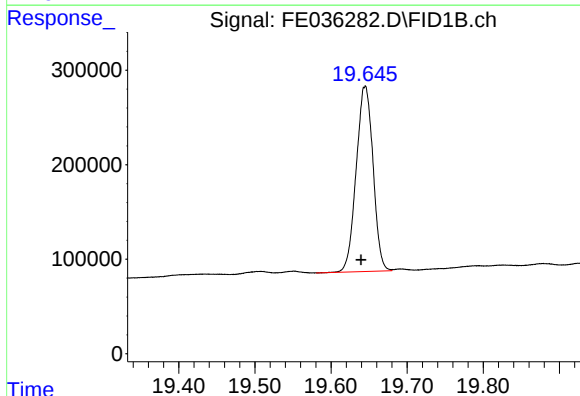
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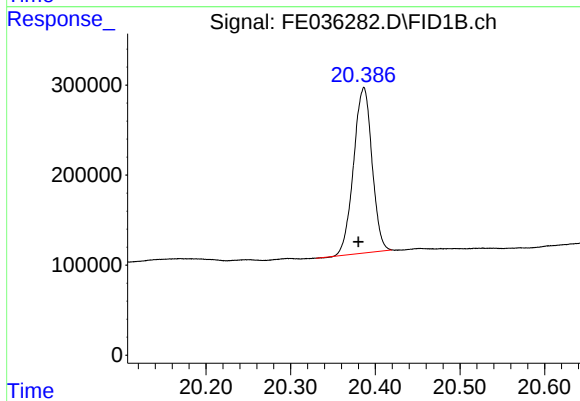
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.005 min
Response: 3316626
Conc: 22.70 ug/ml



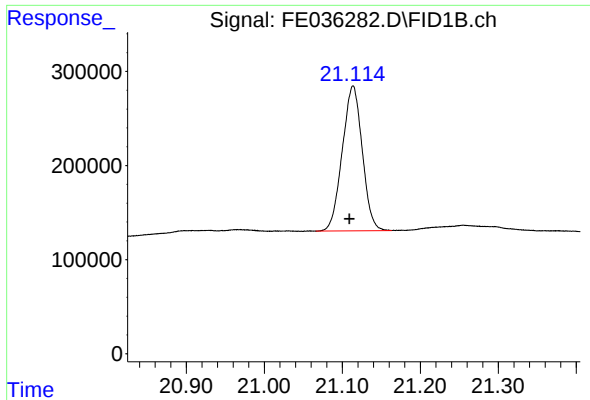
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.005 min
Response: 3017986
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: 0.007 min
Response: 2783465
Conc: 20.73 ug/ml



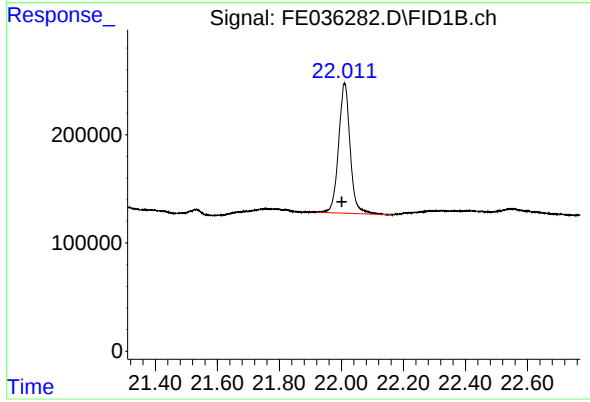
#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.004 min
Response: 2737335
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.009 min
Response: 3110612
Conc: 22.25 ug/ml